

IN THE CLAIMS:

Please amend the claims as follows:

1 - 10 (Canceled)

11. (Currently amended) A ~~The method according to claim 1 for rearranging data comprising the steps of:~~

- a) storing data in a first data storage section;
- b) storing data rearrangement information in a stack;
- c) reading the data stored in the first data storage section, and storing the data in a rearranged order in a second data storage section based on the data rearrangement information stored in the stack; and
- d) addressing the data stored in the second data storage section by the data rearrangement information,

wherein the reading and the storing are carried out by using an address conversion table and a register corresponding stack pointer.

12 - 14 (Canceled)